



Office of Legacy Management  
U.S. Department of Energy



# Program Update

April – June 2006

Welcome to the April – June 2006 issue of the U.S. Department of Energy (DOE) Office of Legacy Management (LM) Program Update. This publication is designed to provide a status of activities within LM. Please direct all comments and inquiries to [LM@hq.doe.gov](mailto:LM@hq.doe.gov).

This and future quarterly Program Updates will identify Office of Legacy Management (LM) efforts to achieve our goals. LM's goals and performance measures can be found on the LM website <http://www.LM.doe.gov/documents/message/LMgoals.pdf>.

**Goal 1** – Protect human health and the environment through effective and efficient long-term surveillance and maintenance

**Goal 2** – Preserve, protect, and make accessible legacy records and information

**Goal 3** – Support an effective and efficient work force structured to accomplish Departmental missions and ensure contractor worker pension and medical benefits

**Goal 4** – Manage legacy land and assets, emphasizing protective real and personal property reuse and disposition

## Goal 3

### Jobs Opportunity Bulletin Board System (JOBBS)

JOBBS has a new look and a new Internet address, [www.jobbs.energy.gov](http://www.jobbs.energy.gov).

JOBBS is an electronic bulletin board system outplacement service, sponsored by the U.S. Department of Energy (DOE), that is designed to assist displaced DOE federal and contractor employees searching for new positions that are available through DOE contractor employers.

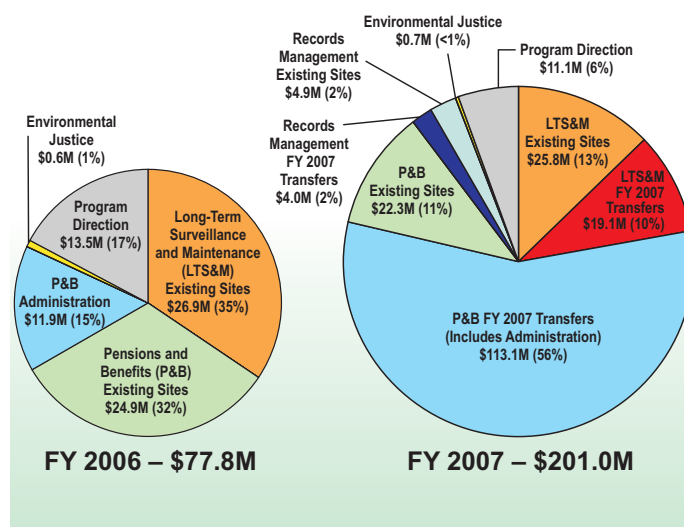
JOBBS can also be accessed from the home page of the LM website at [www.LM.doe.gov](http://www.LM.doe.gov). For additional information, please contact Sheila Dillard at [sheila.dillard@hq.doe.gov](mailto:sheila.dillard@hq.doe.gov).

## LM Fiscal Year 2007 Budget Update

As of June 20, 2006, the House of Representatives has completed its markup of the fiscal year (FY) 2007 appropriations request and the Senate is currently involved in markup. The House provided the President's request without change. The Senate recommendation is unknown.

The LM FY 2007 budget request (shown below) has more than doubled. Most of the increase can be attributed to the transfer of the Rocky Flats Site located outside Denver, Colorado; the Fernald Site located near Cincinnati, Ohio; and the Nevada Offsites (eight sites spread in disparate locations throughout the country). Long-term surveillance and maintenance activities, pension and benefit continuity for retirees of the former contractors, and records management will be performed at both the Rocky Flats and Fernald sites.

Comparison of Funding



Visit us at [www.LM.doe.gov](http://www.LM.doe.gov)



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### Goal 2

### Mound, Ohio Site Freedom of Information Act and Privacy Act Requests

Effective May 1, 2006, LM is responsible for processing Freedom of Information Act and Privacy Act (FOIA/PA) requests for the Mound, Ohio site. All requests should be sent to

Chief Freedom of Information Officer  
The Office of Freedom of Information Act  
and Privacy Act

U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, DC 20585

Requests can also be submitted by email to  
<http://www.mbe.doe.gov/execsec/request.htm>

Information on the Department's  
FOIA/PA program is available at  
<http://www.mbe.doe.gov/execsec/foia.htm>

self-assessment included reviewing the LM mission, our functions, our stakeholders, and our business lines. The end product of the self-assessment was a set of actions that we believed was necessary to provide better value for the federal tax dollar. Those actions include

- Creating an organizational structure that emphasizes results and is based on a set of goal-oriented teams;
- Improving the LM supervisor-to-employee ratio to empower employees and reduce layers of management;
- Reassigning staff to geographic locations that would enable them to provide better customer service and manage our responsibilities; and
- Narrowing our focus to LM's core mission by transferring non-core functions to other organizations.

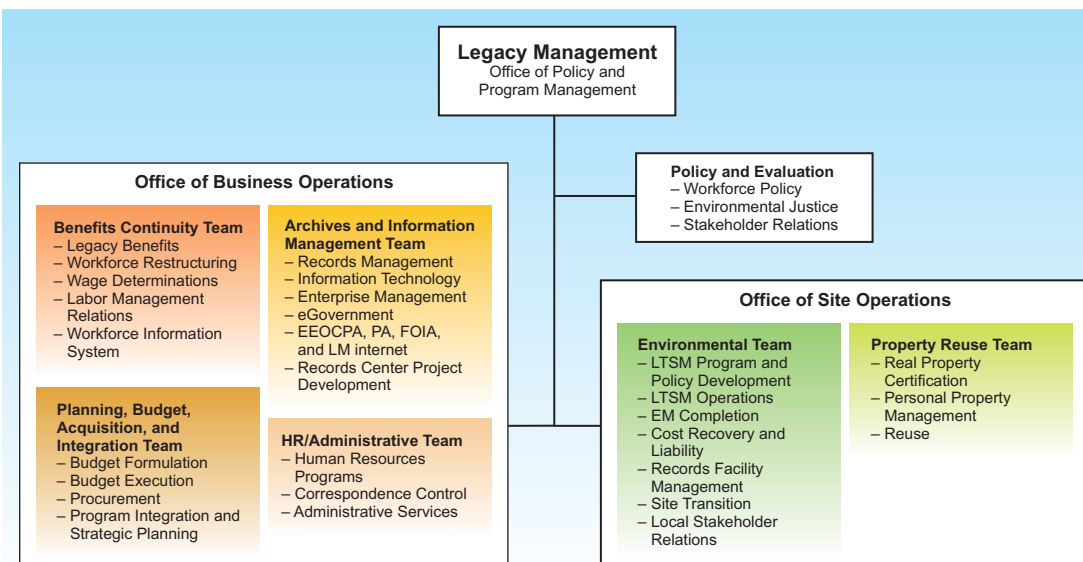
The figure below illustrates the new organizational structure, effective June 11, 2006. The structure consists of four programmatic teams – each team is focused on achieving one of LM's four goals – and two infrastructure teams to provide essential business and human resource services. The structure reduces the number of formal “boxes” to encourage cross team communication and results in an improved supervisor-to-employee ratio of 1:12.

In addition to reorganizing, LM has relocated staff to provide a federal presence at the three main

DOE Office of Environmental Management closure sites: Mound, and Fernald, Ohio and Rocky Flats, Colorado. This “on-the-ground” presence should facilitate the remaining transition activities and ensure continuity of staff and historical knowledge for the first 3 to 5 years of post-closure operations. In addition to closure site staff, LM reassigned key staff in the areas of safety,

## Office of Legacy Management Reorganization

In January 2005, LM initiated an internal assessment focused on improving the way we conduct business and ultimately achieving certification as a High Performing Organization (HPO). That





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pension and post-retirement benefits, records management, and personal property. These reassignments should improve work flow, interaction with our customers, and internal and external LM communication. As part of the reassignments, LM has closed its office in Germantown, Maryland and will close its office in Pittsburgh, Pennsylvania once the Records Storage Facility to be constructed in Morgantown, West Virginia is operational.

As part of our effort to focus on our core mission, LM has taken action to transfer two programs to DOE organizations that are more appropriate to manage these responsibilities. The Massie Chairs of Excellence program was transferred to the National Nuclear Security Administration, which has the infrastructure and funds to enable these educational institutions to have their greatest impact. The Strategic Materials program was transferred to the DOE Office of Management; this will provide for more effective management on a complex-wide basis.

The end result of these actions and others reduced LM's federal staffing level from 81 to 60. We believe these changes – organizational, geographic, and mission focus – will provide more efficient service and better results and will ultimately save the U.S. taxpayer approximately \$3 million a year by decreasing federal staffing costs.

### Goal 2

#### LM Brochure Now Available

The LM brochure is an overview of LM, its four performance goals and respective performance measures, FY 2006 and FY 2007 budget comparisons and initiatives, as well as the 1994 Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority and Low-Income Populations," that challenges each federal agency to make achieving environmental justice an integral part of its mission. The brochure can be viewed on the LM website at [www.LM.doe.gov/documents/message/LMbrochure.pdf](http://www.LM.doe.gov/documents/message/LMbrochure.pdf) or requests for copies can be sent to:

Office of Legacy Management  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, DC 20585  
Attn: Sheila Dillard

### LM Support Services Recompete Announced

The synopsis notice and the Draft Statement of Work for the LM support services recompete has been posted on the DOE e-Center at the following address: <http://e-center.doe.gov/iips/busopor.nsf/1be0f2271893ba198525644b006bc0be/99d8457ef6f4ff5385257179007a3d3f?OpenDocument>

Questions regarding this solicitation can be submitted through the "Submit Question" feature at the e-Center or to Ms. Laura Freeman at [laura.freeman@netl.doe.gov](mailto:laura.freeman@netl.doe.gov).

### Update on DOE and LM Strategic Planning Efforts

The Department of Energy is scheduled to release the Department's *2006 Strategic Plan* this summer. The *Strategic Plan* provides the Department's vision, mission, strategic themes and goals, priorities, and operating principles. The draft *Strategic Plan* has five strategic themes:

- **Energy Security** – *Promoting America's energy security through reliable, clean, and affordable energy*
- **Nuclear Security** – *Ensuring America's nuclear security*
- **Scientific Discovery and Innovation** – *Strengthening U.S. scientific discovery and economic competitiveness and improving quality of life through innovations in science and technology*
- **Environmental Responsibility** – *Protecting the environment by providing a responsible resolution to the environmental legacy of nuclear weapon production*
- **Management Excellence** – *Enabling the mission through sound management*

The Office of Legacy Management's responsibilities fall into the latter two strategic themes, Environmental Responsibility and Management Excellence. Specifically, LM supports the following two Departmental goals:

- Goal 4.2 within Environmental Responsibility:  
**Managing the Legacy** – *manage the*



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*Department's post-closure environmental responsibilities and ensure the future protection of human health and the environment; and,*

- Goal 5.2 within Management Excellence:  
**Human Capital** – ensure that the DOE workforce is capable of meeting the challenges of the 21st century by attracting, motivating, and retaining a highly skilled and diverse workforce to do the best job.

Once the Department's *Strategic Plan* is finalized, LM will review its own *Strategic Plan*, originally published in July 2004, for any appropriate changes. The current LM *Strategic Plan* is on the LM website at [http://www.lm.doe.gov/pro\\_doc/strategic\\_plan.htm](http://www.lm.doe.gov/pro_doc/strategic_plan.htm). LM plans to update the current version of its *Strategic Plan* by the end of this calendar year. To meet that goal, LM plans to distribute a revised draft for a 30-day public comment period in early October. We look forward to receiving your comments.

### Building Communities Through Partnerships Conference

JUNE 15–16, 2006  
ATLANTA, GEORGIA

#### Goal 1

### LM Co-Sponsors “Building Communities Through Partnerships” Conference

More than 200 federal, state, and local officials; college and university administrators; limited-resource farmers; and community and faith-based organization officers and members participated in the initial “Building Communities Through Partnerships” Conference in Atlanta, Georgia on June 15–16.

LM co-sponsored this conference as part of DOE's Environmental Justice Program. Other co-sponsors were U.S. Environmental Protection Agency (EPA) Region IV, Citizens for Environmental Justice, and the National Small Town Alliance.

The conference addressed the needs and challenges of community-based organizations, municipalities, businesses and industries, limited-resource farmers,

and faith-based groups by focusing on developing successful collaborative partnerships that work to meet needs and challenges of these entities. Topics included Community Capacity Building Through Technology, Emergency Planning and Disaster Response, Public Involvement/Environmental Justice, Environmental Conflict Resolution, Corporate/Community Partnerships, Rural Housing and Economic Development, Environmental Permitting, Cooperative Conservation, and Land Revitalization.

LM and representatives from DOE's Savannah River Site, EPA, U.S. Department of Housing and Urban Development, U.S. Department of Agriculture, the U.S. Chamber of Commerce, and the Georgia Environmental Protection Division shared their advice and experiences.

Conference participants received information on federally funded programs and opportunities to partner with institutions of higher learning and to join a growing coalition dedicated to developing future partnerships to improve communities.

Highlights of the conference included a session on environmental conflict resolution and an interactive dialogue with the National Small Town Alliance and the U.S. Chamber of Commerce, a new partner in the Environmental Justice Program.

The conference was a first for these collaborators, and there is great interest in making it an annual event in conjunction with other national conferences.

#### Goal 1

### Office of Science Supports LM Mission

Innovations by scientists with the DOE Environmental Remediation Sciences Program (ERSP) could be used at LM sites where contaminated ground water remains, according to Rich Bush, an LM Site Manager, who recently attended a conference hosted by ERSP staff. The conference included workshops and technical presentations about recent and ongoing subsurface remediation work that relates to uranium contamination.

The Environmental Remediation Sciences Division's Natural and Accelerated Bioremediation Research







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(NABIR) Program and Environmental Management Science Program (EMSP) were merged to create ERSP in October 2005. ERSP supports research developed by the former NABIR Program and EMSP that addresses some of the nation's most difficult environmental cleanup problems.

### ***Predictive Modeling Application***

Speaking at the conference, Michael Kuperberg, who was recently appointed Director of the Environmental Remediation Sciences Division of ERSP, said the group planned to develop predictive modeling incorporating biological and chemical reactions with hydrologic simulations that will increase the capability of predicting how ground water contaminants will be decreased by natural flushing. This modeling endeavor is particularly relevant to LM because it is required to show that natural flushing can effectively reduce contaminants in ground water within the regulated time frame and would support LM's goal to protect human health and the environment through effective and efficient long-term surveillance and maintenance.

### ***Grand Challenge***

Conference panel discussions relevant to LM's mission included current remediation activities and science needs for DOE sites and coupled physical, chemical, and biological processes. Plenary sessions of interest included biomolecular studies of metal and radionuclide reductions and the Grand Challenge in biogeochemistry, which is a study focused on understanding how organisms exchange energy and electrons with mineral matter in soils, sediments, fluids, and other subsurface materials. Attendees were also challenged to propose the next Grand Challenge that will focus resources for the next 5 years on innovations related to environmental remediation.

### ***Uranium Biogeochemistry***

Several presentations involved uranium biogeochemistry in soils and ground water. A better understanding of this field is still under active development through microbiological studies, sediment grain-surface interaction studies, and more advanced reactive transport modeling techniques. Some aspects of this applied science are being conducted at one of LM's sites at Rifle, Colorado, where uranium and vanadium ores were once processed. Seepage from a former mill tailings pile at the site contaminated the alluvial aquifer.

Scientists are stimulating indigenous bacteria at the Rifle site to reduce metals (uranium and vanadium) and are studying the long-term effects of reoxidation and remobilization.

### ***Goal 1***

## **Site Highlights**

### ***Fernald, Ohio Site Transition***

The Department of Energy's Feed Materials Production Center (Fernald), near Cincinnati, Ohio, operated from 1951 – 1989, producing 500 million pounds of uranium for use in the U.S. weapons program. Production operations ceased in 1989. After years of planning, hard work, public involvement, and critical decision making, cleanup of a U.S. Environmental Protection Agency Superfund site is coming to a close, transforming Fernald from a weapons site to forest, prairie, and wetlands.



*Fernald, Ohio Site*

LM will become DOE's manager of the 1,050-acre site that is being restored with native trees, prairie grasses, and the largest constructed wetlands in the state of Ohio. In addition to long-term surveillance and monitoring, an active ground water remediation program will remain. This site will transition to LM in fall 2006.

### ***Pinellas County, Florida Site***

Continued progress was made during this quarter on operation of the ground water treatment facilities and, ultimately, the closure of contaminated areas at the Young - Rainey Science, Technology, and Research (STAR) Center site. The ground heating and injection of hot water and steam for contaminant extraction at the Northeast Site operated at full temperature until early June, resulting in nearly 18,000 pounds of contaminant source being removed during this quarter. This site then entered a cool-down period. Confirmatory sampling to ensure that all cleanup goals have been met will continue through the fourth quarter (July – September time frame). It is expected that all equipment will be cleared from this site by January 2007.



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### **Uranium Leasing Program Programmatic Environmental Assessment**

LM continued its efforts on the draft *Uranium Leasing Program Programmatic Environmental Assessment* (EA). LM met separately with representatives from the U.S. Bureau of Land Management (BLM) and the U.S. Fish and Wildlife Service to discuss and resolve each agency's comments. Prolonged discussions were needed to formally establish the jurisdictional authorities between DOE and BLM concerning the DOE Uranium Leasing Program. Comments received from the cooperating agencies were resolved and incorporated into the EA. In addition, DOE gave a brief presentation to the BLM Southwest Resource Advisory Committee concerning the Uranium Leasing Program and the current EA process and schedule.

Dialogue with five Tribal Nations concerning the EA continued on course. A Class I cultural resource inventory was initiated for the lease tract areas to support this effort. Pending review by the LM National Environmental Policy Act Planning Board, which is scheduled for late June, the EA will be available for a 30-day public review and comment period by early- to mid-July. Public meetings will be held in Montrose and Norwood, Colorado and in Blanding, Utah.

### **Goals 1 and 4**

#### **Wayne, New Jersey Site**

Under the Formerly Utilized Sites Remediation Action Program (FUSRAP), the 6-acre Wayne, New Jersey site has undergone remediation by the U.S. Army Corps of Engineers (USACE). As LM determined that no further mission requirements existed, the land was screened within DOE and determined excess. Utilizing an existing Memorandum of Agreement with the General Services Administration (GSA), a Report of Excess was prepared and signed. GSA and DOE began working on the environmental closure activities needed for disposal of the property. This process included preparation of deed restrictions, land surveys, title reviews, and a real estate appraisal. Formal meetings with the City of Wayne, New Jersey began in February 2004, and a disposal plan was developed to use the Lands to Parks authority for the disposal. Under this authority, the National Park Service can convey land to entities for recreational purposes and the City of Wayne is proposing ball fields or a senior citizens' recreation center. The National Park Service agreed to the proposal and requested the assignment of the property on June 21, 2005, from GSA. Following completion of the real estate activities and environmental remediation of the site, GSA agreed to the assignment by letter on June 12, 2006. The National Park Service will work the conveyance of the property to the City of Wayne, New Jersey. The value of the donation from the United States is approximately \$1.3 million.



Wayne, New Jersey Site

**LM Public Document(s) Request Form**